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MAR 29 1906

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JUNIOR UNIVERSITY

SIERRA EDUCATIONAL NEWS AND BOOK REVIEW

BOYNTON & ESTERLY, PUBLISHERS

CONTENTS

Los Angeles Public Schools.....	1
What Drawing Will Do for the Teacher, D. R. Augsburg.....	2
Association of American Universities.....	2
A Most Surprising School.....	3
What to Read.....	4
Educational Directory.....	7
Publisher's Comment.....	8
Editorial.....	8
Meetings.....	9
Recent Institutes.....	10
California Physical Geography Club.....	10
Certification.....	12
From Our Exchanges.....	12
Grand Canyon of Arizona.....	14
National Educational Association.....	16
Recent Changes	17
Private Schools.....	17
Notes.....	17
California and Iowa.....	28

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MARCH, 1906

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VOL. II

MARCH, 1906

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Los Angeles Public Schools

No Board of Education in the country has a more difficult task to provide adequate school accommodations than that of Los Angeles. It is not merely necessary to reckon on the natural growth of the population already resident, and therefore on a certain steady proportionate increase in the number of children of school age. Incoming families annually settle in Los Angeles by the thousand, so that the extra demands on the school accommodation are heavy and continuous. New buildings are constantly being added, but no sooner are they opened than they are filled, and the work of finding more rooms, more teachers and more money has all to be gone over again. The end of strenuous endeavor never looms in sight.

However, this is just one of the penalties that has to be paid for the rapid increase in the city's prosperity, and, with able and enlightened men in control of our educational affairs, the responsibility is one that is joyfully undertaken. Nor is the thought of failure to meet the requirements of the situation allowed to intrude. The school doors are always kept open. When the buildings have become crowded, temporary structures have been erected, rooms rented, and in some instances the half-day school system has been resorted to. But in every case the child has had an opportunity to receive instruction.

And the housing of the school children is only one part of the problem. The full measure of the task is indicated by the following excerpt from the Superintendent's latest report: "The public schools of this city have been recognized as being in the front rank in the march of educational progress, and it is the duty of the people to see that they are kept there. If Los Angeles is to continue to grow in material prosperity, it will be because there are stronger incentives for families to come here than to go to other cities. We must be able satisfactorily to answer the many inquiries made by people of the East and Middle West concerning our school conditions, for to the family this is the question of paramount interest. We must, therefore, not only embody in our course the essential subjects, such as are included in other progressive cities, but we must see to it that they are taught as well as or better than in any other place."

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Therefore, it is not only accommodation for all the children that is aimed at, but the highest educational advantages along every line of study. Each year sees the teaching force enlarged, until now eight hundred teachers are employed.

During the year 1904-5 the number of school children in the city, as shown by the school census, numbered 39,664. Of these the total enrollment at the sixty-three public schools was 34,326, an increase of 3,317 over the preceding year, and a gain of 10,072 in three years. The total receipts for the year from all sources, including State fund and county fund, were \$1,081,421, and the total disbursements were \$903,476, leaving a balance in hand of \$177,945. The amount paid in teachers' salaries was \$705,596. The total value of the school property—lots, buildings and equipment—was \$2,641,975.

The completion of the new high school building for the commercial and polytechnic pupils has afforded much needed relief. The high school proper has acquired fourteen rooms by this transfer, and has now adequate accommodation for recitations, for laboratories, for library, for assembly, for gymnasium and for lunch. The polytechnic school, with its fine new building, where, in addition to regular commercial studies, science, mathematics, languages and drawing are taught, has also been enabled to enter on its work with increased efficiency.

A feature of the Los Angeles school system is the large number of kindergartens, a department of education usually left to private enterprise in other cities. In any district where no kindergarten exists and the demand for it arises, a petition is drawn up and signed by as many mothers and fathers as have children of kindergarten age and who desire its advantages for their little ones. This petition is placed before the Board of Education, and, if approved, a kindergarten is immediately opened in the locality. In this way, during the past school year, six new kindergartens were started in districts rapidly growing.

Another point in the school administration is the extended use of the ungraded room system. By this plan the boy or girl who, from deficiencies of prior education, slowness of mind, nervousness of temperament, imperfect knowledge of the English language, or similar cause, would have to be graded in the ordinary class rooms with much younger children, is taken to the ungraded room, and is given what practically

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amounts to individual attention. In this way not only are the regular classes relieved from pupils whose presence is calculated to cause worry to the teachers and hindrance to the other scholars, but the children themselves receive the helpful and kindly sympathy that in their case is specially needed. So successful has the method proved, that there are now thirteen ungraded rooms, with an enrollment of 533 pupils, boys and girls. The system is to be still further extended, for it is, of course, impossible that these thirteen ungraded rooms can correct all the shortcomings of nearly 800 graded scholars. It is held to be eminently desirable that each large school building in the city should have its ungraded room, and this is the goal now being aimed at by the department.

Manual training receives careful attention, beginning with the simple lessons in the kindergartens, and continuing right up through all the grades in the grammar schools. The question of introducing vacation schools is now being considered, these to be largely devoted to manual work and to games under the supervision of specially qualified teachers. Such vacation schools will give children unable to leave the city during the summer months an opportunity to learn how to do things that are profitable, instead of contracting habits that are often a menace to the community.—Los Angeles Times.

What Drawing Will Do for the Teacher

D. R. AUGSBURG, Oakland, Calif.

Now, fellow teachers, what will drawing do for you and your little ones? It will do its full share. First, it will cultivate the hand and lay the foundation for technical education. It will give you skill of hand in your work. It will co-ordinate mind and hand so they will work together harmoniously and with speed and precision. This working of the mind and hand together leads to precision. This precision, skill, accuracy and quickness will be utilized in any department of life's work.

Drawing tends to shorten the school course. By cultivating the perceptive power the time is shortened in acquiring those branches that wholly or in part depend upon observation. Trained perspectives also add wonderfully to the powers of imagination. A cultivated imagination enables one to see a river in a rill, a mountain in a hillock of sand or a lake in a pool of water. It will enable one to journey in fancy across the trackless ocean, through the jungles and forests, up the rivers, over the plains and lofty mountains; will enable one to see forms beyond the range of vision and compass, magnitudes too vast for measurement. Imagination is the creating faculty.

Your drawing will be a great help, not only in awakening interest, but in lessening

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ing your labor and making school more attractive. There is no limit to the resources which this subject places at your command. You can bring into the schoolroom a lake, a river or a mountain, all sorts of animals, birds and reptiles, all kinds of trees, shrubs and plants, fruits and flowers. You can show how the Eskimo lives in the frozen regions of the north and the savage among the tropical forests of the south. You can bring into the schoolroom the pyramids of Egypt or a Chinese pagoda. You can use drawing in object lessons and busy work in the reading, number and language classes, in geography, history and physiology classes, and as the handmaid of the sciences. You can illustrate what you see, think and imagine. You can thus open a new field or a new world, and make life wider, broader and deeper.

Association of American Universities

Preparations are now being made for the entertainment of delegates to the Association of American Universities, which body is to hold its seventh annual conference in San Francisco on March 14. The Stanford and State Universities have the work in charge. The list of delegates is as follows:

California—President Benjamin Ide Wheeler, Professor I. Stringham, Professor A. O. Leuschner, Professor A. F. Lange, Professor Bernard Moses.

Catholic—Rev. Thomas J. Conaty (now in California).

Chicago—Professor E. D. Burton.

Clark—Professor G. Stanley Hall, and probably Mrs. Hall.

Columbia—Professor William H. Carpenter, Frederick P. Keppel and Mrs. Keppel.

Cornell—President Jacob Gould Schurman.

Harvard—Professor William James (now in California).

Johns Hopkins—President Ira Remsen, and probably Mrs. Remsen.

Leland Stanford—President David Starr Jordan, Dr. John Caspar Branner, Professor John Maxson Stillman, Professor Augustus Taber Murray, Professor John Ernst Matzke.

Michigan—None.

Pennsylvania—Dr. Clarence G. Child.

Princeton—Professor Andrew F. West.

Virginia—President E. A. Alderman.

Wisconsin—President Charles R. Van Hise and Mrs. Van Hise.

Yale—Professor Theodore S. Woolsey.

The meetings will be held at the University of California and at Leland Stanford Junior University. On Wednesday, March 14, the delegates are to be the guests of the regents of the University of California and trustees of Leland Stanford Junior University at luncheon in the regents' room, Mark Hopkins Institute of Art, San Francisco.

(Continued on page 10)

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LAURA NELSON

AUGUSTA KING

MINNIE METZ

First Graduates, Fruitvale Union High School

A Most Surprising School

There is a school on San Francisco Bay which surely beats all records, California or other. The Union High School District, No. 4, of Alameda County, popularly known as the "Fruitvale High School," was organized in the spring of 1905. It started out with an enrollment of 100 and more, and a faculty of five. At Christmas, 1905, it graduated a class of three. Misses Minnie E. Metz, Augusta A. King and Laura L. Nelson, of whom one, Miss Metz, has already entered the University of California. The unusual circumstances which attended the organization and membership of the school, induced the University of California to grant immediate recognition by accrediting its graduates.

Now at the opening of the second half year, over 200 are enrolled, with a faculty of eight teachers. Of the students sixty-one are in the Commercial Department. The school, which is not yet in its own building, is so crowded this term that it has been necessary to have a waiting list. There are nine pupils now waiting for seats, so that an absence of more than a day forfeits any right to a seat. The students publish a breezy little paper, "The

Flame," a punning title, by the way, representing Fruitvale, Lockwood, Alameda, Melrose and Elmhurst, while Bray is represented by a flying bee.

The district legally includes the five grammar school districts of Fruitvale, Lockwood, Elmhurst, Melrose and Bray, and is further supported in attendance by San Leandro. The population represented is suburban, without coherence, save in this one item of a Union High School, and numbers fully 20,000 people. To get these communities into better harmony a reception is to be given March 2d, at the school to all the teachers and trustees of these six districts, 101 in number, and to the County Board of Education.

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What to Read

"What are you reading?" said a friend to me the other evening, noticing a book in my hand. And when I showed it to him, he added, "That's one of the greatest books I ever read, but it's a horrid story." I partly agree as to the first item and thoroughly agree on the second part of the statement. It is horrid! After the first few pages my distaste was almost sufficient to make me stop. The story is of Lilly Bart, a girl of what we may take to be the inner circle of society in our leading metropolis. Apparently her intentions are good, but warped by her surroundings. Her necessities compel her to accept matrimony as a financial refuge. But her impulses always defeat her plans at the critical moment. Furthermore, her surroundings are continually forcing her into false situations and her withdrawal from them comes too late to save her social standing, even though she may have avoided the actions for which she is given credit. Money alone can reinstate her, and that she cannot control. Her last act is to use up her financial resources in discharging the obligations which have caused her loss of standing. Her death leaves us unsatisfied. She loves and was loved, but it forms no large portion of her life. She has been trained to beauty, luxury and the aesthetic enjoyment of a large income and lives a life of harassing care because of small means. The story is exasperating. One hopes that it does not portray our society accurately. If it does, it is a good thing that most of us are not "in society."

For the past three months I have been hearing scattered comments on this book. They are most diverse. Some have hailed the author as "the great American novelist," while some have called her the "American Mrs. Humphrey Ward." Undoubtedly her style is fine, her choice of language exact, and her distinctness in depicting types almost a marvel, but what

does it amount to? It does not amuse; it is hard to believe it instructs, so that I am moved to hearty agreement for the time being with a friend of mine who objects very seriously to the frittering away of his emotions on mock sorrows, since they serve to gratify a distorted, selfish pleasure and blunt our sensibilities to the actual sorrows that surround us, so that we mentally become something like Mrs. Peinstein, the aunt of the heroine, who was charitable to those institutions whose accounts showed a comfortable balance, but who distrusted as unreal the calls for assistance which had a note of personal appeal. As an example of literary excellence read "The House of Mirth," and as an interesting book, but not to enjoy yourself casually. Read it when you are feeling at peace with all the world, but not when you are tired or overwrought.

(*The House of Mirth*, Mrs. Edith Wharton; Charles Scribner's Sons, illustrated by A. B. Wenzell, 533 pp., \$1.50 net.)

* * *

A book which every young man should read is "Tales of the Road," by Charles N. Crewdson. They appeared occasionally in the "Saturday Evening Post" during 1905, and with additional chapters are now published in book form. In the guise of discussions among commercial travelers as they meet on trains or in hotels, the habits of courtesy, observation, care, attention to detail, hopefulness, etc., are illustrated by anecdotes of personal experiences. They may not have been true, but easily might have been. One in business sees the exactness of the conclusions drawn by the author. He gives very good advice, which applies to other than salesmen, such as the following: "Don't grouch! The surly salesman who goes around carrying with him a big chunk of London fog does himself harm. If the sun does not wish to shine upon him—if he is having a little run of hard luck—he should turn on himself, even with the greatest effort, a little limelight. He should carry a small sunshine generator in his pocket always. The salesman who approaches his customer with a frown or blank look upon his face

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is doomed right at the start to do no business. His countenance should be as bright as a new tin pan."

I should like to quote a number of his anecdotes, but space forbids. I therefore advise teachers of commercial departments to get this book in the hands of their young men.

(*"Tales of the Road,"* Charles N. Crewdson; Thompson & Thomas, illustrated by J. J. Gould, 352 pp., \$1.50 net.)

* * *

Another of the poor and despised boys who lifts himself to a great success is Joe Louden, who makes a conquest of Canaan, a small and somewhat typical city of the Middle West. He is saddled with about every kind of evil reputation except that of actual crime, is discriminated against at home in favor of his graceful but fool-headed step-brother. His principal chum and worshipper in those days is Ariel Tabor, the unkempt but beauty-loving daughter of an untrained but enthusiastic painter of portraits, who has always longed to go somewhere and learn "how" to paint.

Joe skips out and becomes lost to Canaan for several years, but turns up again as an attorney. His previous reputation is damaged, if such a thing could be possible, hard circumstances. His strength lies in by his clients, nearly all of whom are in the fact of his belief that the law is to protect as well as punish. So well does he carry this idea to a finish that his clients grow to rely on him absolutely. When Happy Fear (what a name!) murders a stranger to the town in a fit of jealous anger, although he could have fled, he stays at Joe's command and surrenders himself to custody.

In the meanwhile Ariel Tabor has succeeded to an inheritance of wealth, traveled abroad with her father, who dies happy, having found his proper environment. She returns to Canaan, and instead of being a semi-outcast is now the pride of the place. Her acts are above criticism, although not above startled and continuous comment. Her renewal of friendship with Joe is a great shock to that little burg. She suspects her financial agent, Judge Pike, of fraud.

Eventually she and Joe together life him to his proper place among his fellow-citizens. His continuous work is recognized in its real evenness and fairness. He secures Fear's acquittal and the relinquishment of Ariel's property, and in the end finds Ariel of the same mind as before their departure from Canaan.

This story is very similar to two of Booth Tarkington's former stories, namely, "*The Gentleman from Indiana*" and "*The Two Van Revels*." It makes the hero more abused and the heroine more lovely

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and attractive, and the final reward of virtue so much the greater. To me the story possessed even more interest than it would otherwise have possessed, because I unconsciously fitted it in with that country town of which William Allen White is now writing so entertainingly about from the standpoint of the publisher of the local paper. Not that the resemblance is other than fanciful, but it added to my mental vision of the place. A collaboration between these authors would be interesting.

(*"The Conquest of Canaan,"* by Booth Tarkington; Harper & Brothers, illustrated by L. W. Hitchcock, 389 pp., \$1.50 net.)

* * *

Some years ago I enjoyed reading the "*Pines of Lory*" particularly because of the love-making of the hero. He seemed such a nice, cheerful fellow, whose reciprocated affection sort of went to his head, causing him to say most delightfully foolish things. Another author who has a gift for the description of picturesque love-making is Robert W. Chambers. A review of his "*Iole*" appeared in these columns some months since, in which perhaps this feature of his writing is over-accented, as it contains some very clever take-offs on modern drama, literary society and physical culturists, as well as one or two other sorts of poseurs.

In "*The Reckoning*" he harks back to American history. In this he writes a continuation of the story of the Revolution, centering about New York City and Tryon County. It is announced as the third in a series, the first of which was called "*Cardigan*," the second was called "*The Maid-at-Arms*," and the third has not yet appeared. This is somewhat along the lines laid down by Winston Churchill when he wrote first "*Richard Carvel*," then "*The Crisis*," then went back to an intervening period for "*The Crossing*."

So in "*The Reckoning*" we return to a country already mapped and to several characters previously met, such as Jack Mount and the "*Weazel*." Cardigan's name is brought into the conversation, and Walter Butler is again the villain. It takes an able man to be a villain for three separate and full-sized novels, but we suspect that he had sufficient force to make himself felt in the one of the series yet unseen. At any rate, he is fully as villainous as is necessary and it is really a great relief to get him killed off near the close of the book.

A pleasant picture is given of Alexander Hamilton, and Washington's name is held in such complete reverence as to make one almost doubt the historically minded who declare that Washington was so vilified in his own day. The heroine is like all of

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this author's, surpassingly beautiful, intelligent, but very little regardful of the opinion of Mrs. Grundy. The illustrations by Henry Hutt, while pleasing, do not give enough variation in feature between the two characters to make them as good as they should be.

Probably the author will never shake off his love of the mysterious. His early stories contained many illusions to Breton folk lore. More recent tales bring in the Swastika of the Orient, while this novel uses the traditions of the Six Nations and the meetings of the "Long House," the rites of adoption and other customs of the Iroquois to furnish that background of mystery, never subsequently explained, but alluded to as if the reader was, of course, perfectly familiar with the details. The result gives one a curious sense of delving into one's mental recesses in the vain effort to discover the missing links. The effort is not painful, however, as the author carries you along with plenty of incident.

On the whole, the lovers of romantic fiction with a historical background will find this an agreeable specimen.

(*"The Reckoning,"* by Robert W. Chambers; Appletons, illustrated by Henry Hutt, 386 pp., \$1.50 net.)

* * *

"Gee! that must be good to read!" said a small boy the other day. "We are reading one of his stories at school." "Which one?" I asked. "Why, 'Wood-Folk at School,' he replied. The book in question is the new one by William J. Long, called "Northern Trails." It consists of one long story, of "Wayeeses, the Strong One," a wolf of Labrador; "In Quest of Waptonk, the Wild," about the wild goose; "Pequam, the Fisher," one of the weasel tribe; "The Trail of the Cunning One," which is another of "Pequam"; "Out of the Deeps," a story of whales and their neighbors; "Matwock of the Icebergs," the polar bear; "When the Salmon Jump"; "The Story of Kopseep," a salmon.

Having just finished reading the book, I was fully prepared to agree with the small boy, and I think that many others will do the same. I know too little concerning wild animals and their habits to be able to commend or condemn the statements from the standpoint of their verity, but I do know that the ideas are attractively presented.

(*"Northern Trails,"* by William J. Long; Ginn & Co., illustrated by Charles Cope-land, 387 pp., \$1.50 net.)

Little Elmer had been taken to have a tooth filled one day. "Mamma," he asked after it was all over, "is that man called a dentist because he fills dents?"

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E. C. BOYNTON, Managing Editor.
A. L. RHEINSTROM,

Circulation and Advertising Manager.

Entered as second class matter January 23, 1906, at the postoffice, San Francisco, Cal., under the Act of Congress, March 3, 1879.

New York Office: 198 Broadway, N. Y.
Los Angeles Office: 525 Stimson Block.

Published monthly. Subscription, 50 cents a year; single copies, 5 cents. Payable in stamps or by money order. Offered in combination with other magazines. For special offers and advertising rates consult the advertising manager.

Subscribers will please notify us promptly of changes of address. We are not mind-readers nor clairvoyants, and if you move from Arizona to South Dakota we can't guess it.

Publishers' Comment

A single subscription for the "News" is fifty cents a year. Send us the subscription of three others and we will send you another for yourself. That is, we will give a clubbing rate of four subscriptions for the price of three—\$1.50 a year.

Agents wanted in every town on the Pacific Coast and in the Rocky Mountains. Address the Circulation Manager.

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For twenty cash subscriptions of 50 cents each, we will send you a Conklin's \$3 self-filling pen.

If you wish to combine the "News" with any other educational journal, we will allow you to do so, for the price of the other publication alone. There are a few exceptions to this offer, but only a few.

If you wish to combine more than one educational magazine with the "News," add to their combined list price, 50 cents for the "News," then deduct 25 per cent of the total amount and send us the balance.

The following list of publications is suggested as being excellent for combination with the "News" at the price of the other publication alone, indicated with its name:

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The Elementary School Teacher 1.50
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FROM OUR FRIENDS.

Santa Rosa, Feb. 22, 1906.

Dear Boynton:

The "Sierra News" has just arrived. Congratulations. It is a fine number. I marvel at your energy and enterprise. If your business end can keep within telescopic sight of the professional and educational value of the "Sierra News," you will win out. The papers from the N. C. A. are particularly interesting, and smell less of the lamp than of the dust of the arena. With best wishes,

Yours,
CHAS. T. CONGER,
Santa Rosa, Cal.

Editorial

In reading the daily papers, magazines and educational journals of recent date one cannot help being impressed with the prevalence of several topics. Particularly prominent are athletics, school fraternities, manual training and the study of agriculture. Nearly all the larger teachers' organizations have discussed each of these subjects, and many have appointed committees to draw up resolutions. The two first mentioned are questions which certainly appeal to every high school principal, if not every teacher. Harvard is leading the colleges of the land in a peremptory demand for a radical change in football rules, and several of our largest institutions have stated that they will abolish it henceforth. Football is probably the most noticeable sport, but our track athletics have become so serious a feature that many schools are having to lay down a law of high scholarship as an

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essential for freedom in athletics.

Professional standing is a sore point in many schools, and many a committee has spent hours trying to satisfactorily define "professionalism" in athletics. The distinctions adopted in some communities concerning the receipt of pay does not press many of our schools, whose representative athletes are really students pursuing an honest course of study, and whose athletics are purely a side issue. A great deal of nonsense has been talked on this point. The action of the high school section of the Teachers' Association of Northern California in revising their standard of "professionalism" to meet local requirements is a move in the right direction. A boy does not become a professional athlete for having taken \$5.00 for his services at a ball game any more than does the student become a professional actor who has once or twice served as a "super" in Madame Modjeska's company.

School fraternities are being heavily scored, and justly so. Not only are they opposed to the spirit of our public school system, but they are in many schools a very active detriment to the disciplinary and scholastic features of the institution. The ordinary high school boy or girl has not the physique to stand the social life entailed by some of the "frats." and to do their regular school work also. In such cases the school work suffers. Furthermore, in imitation of a speech of Dr. Gates of Pomona College, there should be some things preserved for the future. If fraternities are ever useful it is in college. There they flourish with more regard for other institutions, although even in colleges the "frats." are abused in their use. It is no more fitting that youngsters should have fraternities than that little girls should wear long trains and do their hair up on their heads. This is all right for older persons, but is affectation in children.

Meetings

CALIFORNIA.

Riverside County Institute.

Riverside, April 2-5, 1906.

San Diego County Institute.

San Diego, probably April 9, 1906.

Nevada County Institute.

Truckee, week following Easter.

NATIONAL EDUCATIONAL ASSOCIATION.

San Francisco, July 9-13, 1906.

National Summer School of Public School Music.

San Francisco, July 16-28, 1906, at Miss West's School.

Los Angeles County Institute.

Los Angeles, Dec. 17-21, 1906.

Southern California Teachers' Association.

Los Angeles, Dec. 19-22, 1906.

California Teachers' Association.

Fresno, Dec. 26-29, 1906.

Biennial Convention of County and City Superintendents.

San Diego, Hotel del Coronado, May 1, 2, 3, 1906.

Inland Empire Teachers' Association.

Spokane, early in April, 1906.

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Wah Sing: Our Chinese Cousin, Campbell	.25
Early American History, Sabin	.75

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Recent Institutes

OREGON.

Clackamas County Institute at Milwaukie, January 27, 1906, Superintendent J. C. Zinser in charge.

Multnomah County Progress Club, Portland, Jan. 13, 1906. Address by County Superintendent R. F. Robinson.

Union County Institute at La Grande, Jan. 27, 1906, in charge of County Superintendent E. E. Bragg.

Marion County Institute at Woodburn, conducted by County Superintendent E. T. Moores. Addresses by Editor C. H. Jones, "Oregon Teachers' Monthly;" Principal E. E. Washburn of Silverton; Miss Coralia Marvin, State Library Commission; Superintendent J. M. Powers of Salem. Next meeting at Silverton, February 24th.

Klamath County Institute, Klamath Falls, January 18th.

WASHINGTON.

Lewis County Institute, Chehalis, February 19th to 23d. The list of instructors includes the following well-known educators: H. C. Sampson, education, State College, Pullman; L. L. Benbow, superintendent of Pierce County; F. M. McCully, assistant State superintendent, Olympia; Mrs. Anna Temple, principal West Side School, Chehalis; Mrs. Alice Sudham, principal Doty schools; R. Balfour, music conductor; Superintendent R. E. Bennett, Lewis County.

King County Institute, Seattle, January 2-5, 1906.

Whatcom County Principals' Association, Bellingham, January 20th, annual convention.

IDAHO.

Kootenai County Teachers' Association at Rathdrum, January 20th, in charge of County Superintendent Eggers.

UTAH.

The first teachers' institute for the teachers of Murray exclusively was held in the Arlington School on February 3d. Supervisor D. W. Parrott outlined his work in art for the coming month, and State Superintendent Nelson gave an address. The exercises were spiced with stirring musical selections, both vocal and instrumental, by pupils from the seventh and eighth grades. Hereafter a regular teachers' institute will be maintained in Murray.

CALIFORNIA.

TULARE COUNTY INSTITUTE.

The Tulare County Institute met at Dinuba on February 19th, until noon, February 22nd. Owing to the rain, somewhat cramped space, and limited hotel accommo-

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dations, it was not as lively as some Institutes have been. There was, as usual, a large attendance.

The instructors were Prof. W. J. V. Os-
terhout, of the University of California;
Superintendent Edward Hyatt, of River-
side; Miss Anne M. Nicholson, of the San
Jose State Normal School; M. A. J. Pills-
bury, Secretary State Board of Examiners;
and Mrs. Anna Mills Johnston, of Visalia.

The bookmen were represented by P. S.
Woolsey, of the American Book Co.; Miss
Anna Henderson, of the Milton-BRADLEY
Co.; and A. L. Rheinstrom, for Boynton
and Esterly.

(Continued from page 2)

The first session of the association will be held that afternoon at the Mark Hopkins Institute. In the evening the delegates will be entertained at dinner by the various alumni clubs of San Francisco, which are making preparations for reunions of the various colleges represented.

On Thursday, March 15, the morning will be devoted to the second session. At 12:30 p. m. the delegates will be entertained at luncheon at the Faculty Club, University of California. At 2:30 p. m. there will be a meeting of the executive committee of the association. The delegates will attend the third symphony concert in the Greek Theater as guests of the University of California at 3:30 p. m. At 7 p. m. the University Club of San Francisco will entertain the delegates at dinner. Friday, March 16, will be devoted to the visit to Stanford University. The delegates will leave at 9 a. m., arrive at 10 o'clock, where they will be met with carriages and driven about the grounds and buildings. There will be a university assembly in the Assembly Hall at 11:15 in honor of the delegates. At 12:30 the delegates will be entertained at luncheon by President and Mrs. Jordan. The afternoon will be devoted to the business session in the council room of the university.

The delegates will return to San Francisco in time to attend a dinner at the Bohemian Club in their honor. The morning of Saturday, March 17, will be devoted to the closing business session.

California Physical Geography Club

The members of the California Physical Geography Club who live in the Bay Region, recently organized for excursion work, and elected as chairman of the committee Mr. Wetmore, of the Mission High School.

The list for this term includes excursions to the following points:

Sausalito Hills.
Halfmoon Bay.
Union Iron Works.
Mussel Rock.

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Bolinas Range.
Mining Bureau.
Salt Marshes.
Mines at Leona Heights.
Shell Mound.

It is hoped that all the teachers in the Bay Counties who are interested in geography may join some of these trips. Among the experienced leaders will be Professor Holway, Dr. Fairbanks and Professor Karp.

Several new members joined the club at New Year's.

SOUTHERN CALIFORNIA SCHOOLS



New desks—all roll-top, office style—have been put in place, and additional bank and office elevations are completed.

In the Shorthand Department last year, we had one hundred typewriters. This year we have added several visible writing machines and now have all the popular makes, and both single and double keyboards.

These great expenses in both departments, indicate the healthy growth of the school in all directions. Still we have room on our large premises for another hundred pupils without crowding. The school owns so much land that our fine light and ventilation on four sides cannot be cut off.

We added two teachers to our Preparatory Department this week. This department is in a building, separate from the college. All pupils, no matter what their age or attainments, may receive a thorough English education. New catalogue on request.

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FROM OUR FRIENDS.

Oakland, Cal., Feb. 18, 1906.

Dear Mr. Boynton:

Each time I see you I forget to hand you 50c for the magazine. It is a good one, full of news, and I get full value every time I read it. Success to you.

Faithfully yours,

D. R. AUGSBURG.

P. S.—Make it two years, for which I inclose a dollar.

Certification Omitted

Review of California Laws for Certification given in April.

From Our Exchanges

Governor Pardee says there are three hundred thousand pupils in the primary schools of California—one thousand more boys than girls; in the grammar schools there are ten thousand more girls than boys. In the high schools of the State there are only twenty-one thousand pupils, and of these twelve thousand are girls and nine thousand boys. Out of the one hundred and fifty-one thousand boys in the primary schools nine thousand enter the high schools—about six per cent. Others besides the Governor should ponder the question, What has become of the one hundred and forty-two thousand boys who entered the primary schools?—The Pacific Baptist.

* * *

A Universe All Alive.

I asked Mr. Burbank this question: "Has anything developed in your life work and in your study of the great elemental forces of nature, to imperil true faith or render dead a belief in God or the immortality of the soul?"

He answered:

"My theory of the laws and underlying principles of plant creation is, in many respects, diametrically opposed to the theories of the materialists. I am a sincere believer in higher power than that of man. All my investigations have led me away from the idea of a dead, material universe, tossed about by various forces, to that of a universe which is absolutely all force, life, soul, thought, or whatever name we may choose to call it. Every atom, molecule, plant, animal, or planet is only an aggregation of organized unit forces held in place by stronger forces, thus holding them for a time latent, though teeming with inconceivable power. All life on our planet is, so to speak, just on the outer fringe of this infinite ocean of force. The universe is not half dead, but all alive."—W. S. Harwood, in *Century*.

ARITHMETICAL SHORT CUTS.

You can divide 42,036 by 3 without a fraction. You may know this at a glance because 4, 2, 3 and 6 added will divide exactly by 3. When you wish to know whether 9 will exactly divide any large number add its digits together in this way and see if 9 will divide without a remainder. 942,607 is not exactly divisible by 9 because 9 plus 4 plus 2 plus 6 plus 7 is 28, and 28 is not a multiple of 9. Decrease any figure in the number by one and 9 will be found an exact divisor of the number so formed. This is interesting. Try it. The new number may be 932,607, or 941,607, or 942,597, or several other numbers.

The easy way to try a number for divisibility by 3 or 9 is not to add all the digits, but to disregard those which are alone divisible by 3 or 9, or disregard any two or three of them that are so divisible. For instance: To see if 3 will exactly divide 942,607, you throw out 9 first, then 4 plus 2, then 6, and the last figure, the 7, tells you "No." Nine is not a divisor if 3 is not.

To see if 9 will exactly divide 732,596,721 cross out 7 and 2, 9, 3 and 6, 7 and 2, and you have left 5 and 1, which added make 6. The number is exactly divisible by 3, but not by 9. To see if 3 will exactly divide 472,960,325, cross out 7 and 2, 9, 6, 3, and go back to the beginning and combine 4 with 2, cross them out, and you have 5 left, and that says "No."

You know that 2 will exactly divide any number whose right-hand figure is even. Four will divide any number whose two right-hand figures make a number which 4 will divide. 37,428 is divisible by 4, for 28 is 4 times 7. Any number whose three right-hand figures make a number divisible by 8 is all divisible by 8. You can divide 97,654,260,872 by 8 without a remainder, for 8 is a factor of 872.

When 3 is a factor and 4 is also a factor you may divide by 3 times 4 and have no remainder. So we may find by looking that 472,968 is divisible by 4 and by 3. So it will contain 12 exactly. Eight is also a factor. So is 3 times 8. Nine is a factor. So is 8 times 9.

When you have a large fraction to reduce, you may sometimes find a number to divide by in another way. Take the larger number for a dividend and divide by the other in long division. When you get to the remainder divide the divisor by that. Then use every remainder in this way till you get no remainder. The last divisor is the number you are looking for. Try this with 11,948 and 13,485 and see how cleverly you may get 20.—*The School Weekly*.

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Man to teach Commercial branches	1200
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Private School, man, Latin and Greek.	
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Normal School, Training Teacher	1000
College, Chemistry	500
Supervisor Manual Training, man	1100

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THE GRAND CANYON OF ARIZONA.

C. S. R. GOSLING.

The Grand Canyon of Arizona, one of the seven wonders of the world, the most awe-inspiring scenic attraction, with its marvelous colorings, its giant chasms, its Marble Canyon, constitute one great gorge carved by a mighty river through a high plateau.

The Grand Canyon commences at the junction of the Little Colorado River with the main stream. It is 217 miles long,

13 miles wide and 1 mile deep, and painted like a flower.

Only by descending to the river may one arrive at anything like comprehension of its proportions, and the descent cannot be too urgently commended to every one. The trail is perfectly safe. It reaches from the hotel four miles to the top of the granite wall immediately overlooking the Colorado River. At this point the river is 1,300 feet below, while the hotel on the rim is 3,158 feet above. The trip is commonly made on horseback, accompanied by





a guide. Eight hours are required for going down and coming back, allowing three hours for lunch, rest and sightseeing.

The Grand Canyon country is not only the hugest, but the most varied and instructive example on earth of one of the chief factors of earth-building—erosion. It is the mesa country—the Land of Tables. Nowhere else on the footstool is there such an example of deep-gnawing water or of water high-carving. The sandstone mesas of the Southwest, the terracing of canyon walls, the castellation, battlementing and cliff-making, the cutting down of a whole landscape except its precipitous islands of flat-topped rock, the thin lava tablecloths on tables 100 feet high—these are a few of the things which make the Southwest wonderful alike to the scientist and the sightseer.

Long may the visitor loiter upon the verge, powerless to shake loose from the charm, tirelessly intent upon the silent transformations until the sun is low in the west. Then the canyon sinks into mysterious purple shadow, the far Shinumo Altar is tipped with a golden ray, and against a leaden horizon the long line of the echo cliffs reflects a soft brilliance of indescribable beauty, a light that, elsewhere, surely never was on sea or land. Then darkness falls, and should there be a moon the scene in part revises in silver light, a thousand spectral forms projected from inscrutable gloom; dreams of mountains, as in their sleep they brood on things eternal.

There is but one Grand Canyon. Nowhere in the world has its like been found.

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Boynton Normal
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National Educational Association

Winona, Minn., Jan. 23, 1906.
To the Educational Press:

The Executive Committee are pleased to report gratifying progress in the local arrangements at San Francisco for the Forty-fifth Convention next July. The committee have selected the Hotel St. Francis on Union Square as the general headquarters of the Executive Committee, Board of Trustees and department officers. Since it would be impossible to accommodate at the St. Francis any considerable number of States with parlors for State headquarters, the Executive Committee advise that the Palace Hotel on Market Street be selected for State headquarters.

The local committee on hotels and accommodations have already secured accommodations for several thousand guests in good hotels at rates varying, on American plan, from \$1.25 to \$3.50 per day, or \$7 to \$25 per week; on European plan, from 50 cents to \$2 per day, or \$3 to \$12 per week.

The sessions have been extended to include Saturday, July 14, in order that there may be a special session on Saturday forenoon in the chapel of Leland Stanford Jr. University at Palo Alto, one hour's ride from San Francisco.

It is possible that the dates for the convention will be still further extended to include July 7 and 8, that the council may hold sessions on Saturday, July 7, in advance of the general sessions, which open at 2:30 p. m., Monday, July 9. This question will be decided later.

Very favorable reports are received from nearly all States, which indicate that there is a widespread interest in the next convention and that the attendance will be large.

Since the issue of the "Special Announcement," in which it was stated that a rate of one fare for the round trip, plus the membership fee of \$2, had been granted by the lines of the Transcontinental Association—the Western Passenger Association, the Central Passenger Association, the Trunk Line Association and the New England Association have joined in granting the same rates and ticket conditions.

I am,

Respectfully yours,
IRWIN SHEPARD,
Secretary.

The next session of the National Summer School of Public School Music will be held at Miss West's School, 2014 Van Ness Avenue, San Francisco, July 16-28, immediately following the N. E. A. For announcement of courses given and further particulars, write S. C. Smith, care Ginn & Co., 717 Market Street.

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Recent Changes

ALAMEDA (PUBLIC SCHOOLS)

WILL C. WOOD, Principal School
Stanford University, three years.
Vice C. J. Du Four, resigned.

BERKELEY (PUBLIC SCHOOLS)

JOSEPH C. BLUMBB, Principal Lincoln School
Vice E. E. Nichols, resigned.

ETNA MILLS (ETNA UNION HIGH SCHOOL)

Geo. A. Harkleroad, Principal, Latin, German,
B. L., University of California, 1903;
Vice Otto A. Luther, resigned.

GILROY (HIGH SCHOOL)

GRACE H. BRUCKMAN, Science
A. B., Stanford University, 1904;
Vice Lydia Blanchard, resigned.

LIVERMORE (UNION HIGH SCHOOL)

BEATRICE WEIGLE, German, Algebra, Drawing
A. B., Stanford University;
Vice Charles S. Thompson, disappeared.

REDLANDS (UNION HIGH SCHOOL)

MARY HALNES CROMBLE, Algebra
SONORA (TUOLUMNE COUNTY HIGH SCHOOL)

J. E. COOVER, Principal
Vice I. E. Outcalt, resigned.

CARL CARLSON, English, History
B. L., University of California, 1901.

TULARE (HIGH SCHOOL)

MABEL S. SCOFIELD, Science, History
B. S., University of California, 1904;
Vice Carl Carlson, resigned.

FAIRFIELD (PUBLIC SCHOOLS)

L. D. BAUN, Principal
Vice Will C. Wood, resigned.

Notes

UTAH.

The High School at Salt Lake City enrolled nearly 1,200 pupils at the beginning of this term.

Prominent educators of the State will be asked to assist the State Board of Education in preparing an outline of requirements for State certificates and diplomas to be used for the guidance of teachers who wish to take the examinations. State Superintendent A. C. Nelson has communicated with other State Boards with a view to securing further information on the subject.

From the material to be collected the State Board of Utah will prepare schedules showing the exact requirements for each of the classes of certificates and diplomas. These schedules will be supplied to teachers on application as soon as they are prepared, which will probably be within a few months.

The Board has granted five-year State certificates to the following: Charles H. Davis, Springville; Miss Margaret Brundage, Park City; Oscar A. N. Olsen, Peterson; N. K. Nielson, Springville; Joseph Finlinson, Oak City; J. L. McCarrey, Logan; Owen T. McCormick, Escalante; Miss Marie Parker, Payson; Miss Mary Bihler, Ogden.

Grammar grade life certificates were awarded as follows: Miss Nellie E. Brown, Salt Lake; Francis M. Young, Sandy; Miss

Private Schools

BELMONT—

BELMONT SCHOOL. WM. T. REID, Principal.

BERKELEY—

MISS HEAD'S SCHOOL. ANNA HEAD, Principal.

CLAREMONT—

POMONA COLLEGE. GEO. A. GATES, D. D., President.

IRVINGTON—

ANDERSON ACADEMY. WILLIAM WALKER ANDERSON, Principal.

LOS ANGELES—

GIrls' Collegiate School. Misses Parsons and Dennen, Principals.

HARVARD SCHOOL. GRENVILLE C. EMERY, Principal.

LOS ANGELES MILITARY ACADEMY. WALTER J. BAILEY, Principal.

Occidental College. GUY T. WADSWORTH, D. D., President.

University of Southern California. GEO. C. BOVARD, D. D., President.

Westlake School for Girls. Misses Vance and de Laguna, Principals.

MENLO PARK—

HOIT'S SCHOOL. W. J. MEREDITH, Principal.

MILLS COLLEGE—

MILLS COLLEGE. MRS. C. T. MILLS, President.

NORDHOFF—

Thacher School. S. D. Thacher, Principal.

OAKLAND—

The Horton School. SARAH W. HORTON, Principal.

California College. T. G. BROWNSON, D. D., President.

PALO ALTO—

Miss Harker and Miss Hughes' School for Girls. Miss Catherine Harker, Principal.

Palo Alto Academy. Maynard Shipley, Superintendent.

PASADENA—

Throop Polytechnic Institute. W. A. EDWARDS, President.

SAN FRANCISCO—

Hamlin School and Van Ness Seminary. Miss Sarah D. Hamlin, Principal.

Heald's Business College. E. P. Heald, Pres.

Irving Institute. Mrs. Ed. B. Church, Prin.

The Lyceum. L. H. Grau, Ph. D., Principal.

Merrill-Miller College. K. L. Miller, Principal.

Melbourne School for Stammerers. F. Gilman Norcross, Principal.

Metropolitan Business College and Academy. R. H. Webster, President.

Miss West's School. Miss Mary B. West, Principal.

San Francisco Business College. Arthur Weaver, Principal.

University Preparatory School. Arthur C. Willard, Principal.

SAN MATEO—

St. Margaret's Hall. Miss Eleanor Tebbets, Principal.

St. Mathew's School. Rev. W. A. Brewer, Head Master.

SAN JOSE—

Pacific Coast Business College.

San Jose Business College. W. Boncher, Principal.

University of the Pacific. Eli T. McClish, D. D., President.

SAN RAFAEL—

Hitchcock's School. Rev. Chas. Hitchcock, Head Master.

Mt. Tamalpais Military Academy. Arthur Crosby, D. D., Head Master.

SANTA BARBARA—

Hicks' School. SAMUEL W. HICKS, Principal.

The Blanchard-Gamble School. Misses Blanchard and Gamble, Principals.

A Brooklyn public school teacher says that she once required a pupil to compose a sentence with the word "dogma" as the subject. The pupil, a lad of ten, after some deliberation, submitted his effort. It read as follows: "The dogma has five pups."

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Anna E. Erickson, Salt Lake; Miss Ida C. Schonberg, Salt Lake; Christian Steffensen, Sandy; Miss Anna S. Jensen, Salt Lake.

High school diplomas were awarded as follows: Mrs. Carrie W. Liddle, Salina; Miss Florence Wittenberg, Ogden.

The report of the treasurer of the Salt Lake City Board of Education for the month of January showed that on January 2d the balance on hand was \$30,305.91; receipts, \$179,141.92; total, \$209,447.83; disbursements, \$37,810.50; balance January 31st, \$171,637.33. The report went to the committee on finance.

Clerk L. P. Judd of the Board received a welcome remembrance in the shape of an increase in salary from \$2,000 to \$2,500 per year.

The committee on buildings and grounds was instructed to look over a site for a new school building needed for the northwestern portion of the city, a request for a building in that locality having been received.

The taking over of the Union school by the high school had been considered by the committee on the whole, and it recommended that the Union school be used for high school purposes, and that the science building be turned over for elementary grades. It also recommended that the committee on buildings and grounds look up a site for a building in the southern part of the city, as well as in the northwestern. This was adopted, although the Union school matter went over to a special meeting to be called within the next two weeks.

The committee on teachers and school work reported, making the following recommendations, which were adopted:

That Miss Winifred Handy be granted leave of absence for the remainder of the school year; that Eloise R. Allen and Mary Connelly be appointed teachers in the high school at \$85 a month each; that Mary Mayne be released from the department of physical culture, and that she be paid the same salary as at present to assist in any other work under the direction of the principal; that Elsie J. Ward be appointed to assist in the physical education department of the high school at a salary of \$25 a month; that the schools be closed for one week from March 26 for spring vacation.

Further recommendations by this committee were adopted as follows:

That high school teachers be paid only for the time actually taught hereafter; that Superintendent Christensen be given two weeks' leave of absence to attend a meeting of the superintendent's department of the N. E. A. at Louisville, Ky.; that the contract of Kathleen Brown be cancelled, she having been absent from the city since December 22, 1905, without giving any reason; that the salary of Anna L. Corbett, director of sewing, be increased from \$85

to \$90 a month, and that the salary of J. Lee Fairbanks, art supervisor, be increased from \$125 to \$135 a month, both effective from January 22, 1906; that Miss Emma Quayle and Miss Etha M. Jones be elected teachers at a salary of \$65 a month each.

The final item considered at the meeting was to advertise for bids on school supplies for 1906-7, the bids to be opened April 2d, and to be submitted sealed.

State and county school funds, as apportioned by Superintendent Eggertsen, are as follows:

	County Fund, second apportion- ment.	State Fund, first apportion- ment.
Springville	\$ 805.00	\$ 4,186.00
Spanish Fork	828.80	4,309.76
Lake Shore	159.60	829.92
Benjamin	169.40	880.88
Salem	185.50	964.60
Payson	537.60	2,795.52
Spring Lake	42.00	218.40
Santaquin	228.20	1,186.64
Goshen and Mt. Nebo	138.60	720.72
Fairfield	30.80	160.16
Cedar Fort	30.20	167.44
Lehi	689.50	3,585.40
Alpine	133.70	695.24
American Fork	693.70	3,607.24
Lincoln	527.10	2,740.92
Thistle	55.30	287.56
Clinton	37.80	196.56
Tucker	32.90	171.08
Colton	11.90	61.88
Mapleton	145.60	757.12
Highland	47.60	247.52
Manning	18.20	94.64
Pl. Grove	565.60	2,941.12
Provo	2,256.18	

\$8,372.78 \$31,806.32

County apportionment, per capita, Provo, 93 cents; other districts, 70 cents.

State apportionment, per capita, \$3.64.

WYOMING.

In the "Wyoming School Journal" of February, 1906, is an article concerning the schools of Rock Springs, Wyoming, by their superintendent, Mr. S. Manson Abbott, formerly of Polo, Illinois, and later of the Seattle, Wash., high school. He has an enrollment of 900 pupils in a town of 6,000 people, of which number 30 are in the high school. Twenty teachers are employed, of whom nearly all have university or normal training.

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SIERRA EDUCATIONAL NEWS and Book Review

CALIFORNIA.

The University of California extension courses for the coming half year have been announced and they are broader in their scope than ever before. Professor Henry Morse Stephens will give a course of twelve lectures at Bakersfield on the "History of the French Revolution," and another at Fresno and Los Gatos on "History and Historians." He will lecture on "The Napoleonic Period in Europe" at Chico, Red Bluff and Marysville. In Alameda he will conduct a course on "The Enlightened Despotisms of the Eighteenth Century in Europe." All these lectures will be repeated at the Mechanics' Institute in San Francisco.

Don E. Smith, a reader under Professor Stephens, will lecture at San Luis Obispo and Napa on "The Rise and Fall of Spanish Power in Europe and America." F. J. Teggart will give a course in Oakland before the Teachers' Association on "The Victorian Poets." Carleton H. Parker will lecture at Sacramento on "South Africa" and "The History of Trade Unionism." Professor A. C. Miller of the economics department will deliver six lectures at the Mechanics' Institute in San Francisco on "American Financial Policy in Its Historical Relations." This course is designed especially for bank clerks. G. M. Borden will lecture at Santa Barbara, Redlands, Long Beach, Ventura, Ontario and San Diego on "The Renaissance in Italy."

Superintendent C. L. McLane of Fresno reports an average daily attendance of 3,051, or 96½% of the total registration for January. Of these there were 1,765 pupils who were at no time absent.

A mass meeting of Berkeley citizens was held in the assembly hall of the Hall School on February 15th to further the project of a polytechnic high school. The speakers were President Wheeler and Professor Elmer E. Brown of the University of California, P. M. Fisher of the Oakland Polytechnic High School and George A. Merrill, principal of the Lick and Wilmerding Schools of San Francisco.

Superintendent A. C. Nelson of Bakersfield reports for the month of January that it has been one of the banner months in the history of the schools. There was a total enrollment of 876 pupils against 854 for the same month of last year. Of the total number 448 were boys and 428 were girls. The average number belonging was 816; the average daily attendance was 781; the whole number of days' attendance was 15,616; the whole number of days' absence was 780, and the total number of cases of tardiness was 99.

County Superintendent Kate Ames, of Napa County, Cal., has been appointed Assistant State Manager of the National Teachers' Association, which meets in San Francisco next July.

Say you saw it in Sierra Educational News.

Superintendent Jas. A. Foshay of Los Angeles, in resigning, says in part:

"In placing my resignation as superintendent of schools in your hands, I wish to state that my decision to leave school work was based upon the idea that I must have a rest or change of work.

"I realize that in retiring from these schools I am giving up an honorable ambition and voluntarily surrender an exalted position."

With some words of regret for the termination of his services made by President Washburn, and the reminder that the resignation has not yet been accepted, the letter was filed. All members of the school board remain as silent as heretofore upon the subject of a successor to Superintendent Foshay. No choice has yet been made.

Resignations of the following teachers were accepted January 22d: Edith E. De Luna, Nettie L. Baker, Louise K. Whims and Mary Grace Rowell.

Leaves of absence were granted as follows: Alfreda T. Waite, to January 29th; Clara C. Smith, to February 5th; Ida Fisch, to June 30th; Frances Beville, to February 9th; May E. Wright, to end of first term.

Miss Jessie Calder was appointed substitute teacher for sloyd department and L. J. Baldwin substitute for primary and grammar grades.

The following were transferred from the substitute to regular list of teachers: Anna H. Flentjen, Katherine Doran, Clara W. Johnson, Jessie C. Nutting, Mrs. Florence S. Ellert.

Miss M. Louise Hutchinson was appointed assistant drawing teacher, primary and grammar grades, to take effect February 12th.

Roger J. Sterrett was appointed to a position as head of drawing department in the High School.

George R. Kleeberger, formerly president of the San Jose State Normal School and later of the State Normal School of St. Cloud, Minn., has resigned his position as principal of the Visalia High School and is now traveling.

School Superintendent S. D. Waterman's report for January shows that there are 4,358 pupils in the schools of Berkeley and about 200 who are not in school because of the vaccination law. A year ago the enrollment was 4,050.

Superintendent Bateman of Santa Clara County, Cal., is planning for the next teachers' institute and has sent to each teacher a request that the basis of the proceedings be the discussion of the four books, namely: "A Modern School," by Hanus; "School Management," by Dutton; "The Human Nature Club," by Thorndyke, and "School Hygiene," by Shaw. These books were supposed to have been read by the teachers.

Say you saw it in Sierra Educational News.

Superintendent of Schools Bailey of Contra Costa County has held up the salary warrants of the teachers of Black Diamond school for the month ending January 19th. Payment was refused on the ground that the school was closed, although warrants for the preceding month were paid and school was closed then. Mr. Bailey, however, thinks a court decision should be had in the matter. The trustees of Black Diamond school issued the warrants on the strength of an opinion that was rendered by a former attorney-general of this State, to the effect that teachers serving under contract must be paid when school is closed on account of an epidemic.

The mid-season graduation exercises of the Chico State Normal School were held in the Normal Hall January 26th. Great preparations had been made for the occasion, the Assembly Hall, president's office and corridors being prettily decorated in evergreens and the class colors.

Rev. E. E. Baker of Oakland made the address to the class.

The following is the list of graduates: Marshall Bryan Ames, Hazel May Austin, M. Hulda Blanton, Lottie E. Carter, Arthur Llewellyn Case, Sylvia May Caskey, Harriet E. Davis, Lucie Mabel Faleger, Isabel Rose Flanagan, Katherine Frances Fobes, Lena Guidery, Ruby Pearl Hamrick, Effa Heaton, Vinnie A. Knight, Elva McDaniel, Sue H. Patterson, Etta Polk, Alice Maude Pryor, Effie Carolyn Sheehan, Ada K. Toms, Ray Burroughs Williams, Florence Edith Wilson.

Santa Clara, Cal., dedicated a new \$50,000 high school building on February 2, 1906.

Saved from being an Adamless Eden by the presence of one lone young man, the mid-year class of 1906 of the Los Angeles State Normal School, composed of fifty-two young ladies and the aforesaid masculine person, was graduated February 1st with due honors.

Hon. John Wasson, president of the Board of Trustees, made an address. He dwelt at some length on the fact that the Los Angeles school is the leading one of its kind in the State, and completed with a promise for improvements of a substantial character in the buildings during the coming year.

Judge Curtis D. Wilbur was introduced by Dr. J. F. Millspaugh as the speaker of the evening.

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SIERRA EDUCATIONAL NEWS and Book Review

Judge Wilbur spoke in a happy vein and likened his talk to the embryo teachers in the class to a charge to a jury. He dilated at length upon the duties which the young ladies would encounter, and made the statement that the teachers are not paid sufficiently at present.

The members of the class are: Carrie Adams, Mrs. Jessie B. Barnes, Alice E. Barr, Mattie Bedford, Bessie Bennett, Mrs. Lillian P. Bradford, Alice Cartwright, Octavia H. Cobb, Sarah Bertha Collins, Mabel S. Cox, Anna Creigh, Mary Davis, Sarah Davis, Ruby Decrow, Myrtle Denison, Ruth Dickey, Delia Frances Dodge, Marian B. Dumble, Adelaide Estudillo, Myrtle Farris, Ethel Fellows, Bertha Franklin, Lillian B. Haifley, Lillian Harrison, Fay Hubbard, Jessie Kenyon, Lulu Knowlton, Lena Kuntz, Alvina B. Lepley, Mabel Floss Lewis, Zoe Lewis, Maria M. Martin, Jennie McCarthy, Harriet Michaelis, Grace L. Moller, Martha Jane Morris, Alice Maude Parsons, Maude A. Patterson, Minnie E. Porter, Anna Reynolds, Edith Robertson, Otis A. O. Sharpe, Alma Smith, Elizabeth Steinberger, Lela Sugg, Eveleen Sullivan, Myrtle Scott, Elva Bertha Wenger, A. Edith White, Irma Wilkinson, Anita E. Williams, Rebecca Wood. Carrie E. Brown and Adelaide Ellis took the kindergarten course.

Reginald H. Webster, former Superintendent of Schools of San Francisco, has been elected for the vacant position of deputy superintendent under Alfred Roncovieri. The vacancy was created when Daniel C. Deasy resigned as deputy superintendent to accept a place in the office of District Attorney Langdon, former Superintendent of Schools. By still another turn in the political wheel, former Superintendent Webster is about to become one of the deputies under the new superintendent, who was transferred from the Board of Education on January 8th.

The Chico High School opened in September, 1902, with an enrollment of 54. In June, 1904, there were 150 enrolled. It now has 180 pupils. W. M. Mackay is principal.

The city Board of Education of Santa Rosa has decided to name the handsome stone schoolhouse, now in course of erection in this city, the Luther Burbank School, as a compliment to Santa Rosa's distinguished citizen and the creator of new fruits and flowers. The structure will cost \$35,000. The new schoolhouse is located near the Burbank residence.

SAN FRANCISCO.

The Board of Education on January 25th

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created the position of vice-principal of the Mission High School and assigned Miss M. E. Donnelly to the place. A. L. Jordan was assigned to the vice-principalsip of the Polytechnic High School, also a new creation. Charles S. Hendry was transferred from the Polytechnic High School to the Humboldt Evening High School. J. Ross Brewer was transferred from the manual training department of the Irving Scott Grammar School to the same department in the Polytechnic High School. Mrs. C. B. Delaney was assigned to the Commercial Evening High School, vice Frank D. Stringham, resigned.

In the grammar and primary schools transfers were ordered as follows: Miss Helen F. Macfarland from the vice-principalsip of the Clement Grammar School to the acting assistant principalsip of the Adams Grammar School, pending the recovery of Professor A. Herbst; C. W. Moores was transferred from the vice-principalsip of the Franklin Grammar School to the vice-principalsip of the Clement Grammar; Mrs. T. Spencer from the acting principalsip of the Jefferson Primary to the principalsip of the Emerson Primary; Mrs. F. Quinlan from the Fremont Grammar to the acting principalsip of the Jefferson Primary; Mrs. I. D. Ostrom from the Fremont Grammar to the vice-principalsip of the Franklin Grammar; Miss Josephine Hopkins from the James Lick Grammar to the Jean Parker Grammar, vice Miss G. Sanborn, resigned; Miss E. M. E. Barry from the Clement Grammar to the Edison Primary, vice Hettie C. Smith, resigned; Miss Hattie Jacobs from the Garfield Primary to the Clement Grammar; Miss Margaret Curran from the Columbia Grammar to the Sutro Primary, vice Mrs. M. C. McGowan-Baird, resigned; Mrs. I. Campbell from the Noe Valley to the Lincoln Grammar; Miss Helen Sullivan from the Spring Valley to the Fremont Grammar; Mrs. J. M. Sykes

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from the Burnett Grammar to the Everett Grammar; Miss E. J. Gillen from the Henry Durant Primary to the Everett Grammar; Miss Maud Coonan from the Lafayette Primary to the Chinese Primary; H. H. McKinnay from the John Swett Evening School to the Humboldt Evening School.

Assignments were ordered as follows: Mrs. E. Kengla to the Lincoln Evening School; Miss Grace Lyons to Whittier Primary; Mrs. McDonald to the Lincoln Grammar; Miss Louise McDonald to the Denman Grammar; Miss Adrienne Spadoni to the Humboldt Evening School; E. C. Williams to the Manual Training Department, Irving M. Scott Center; Miss Elizabeth Horgan to the Starr King Primary; Miss Agnes O'Connell to the Chinese Primary; Miss Genevieve Nicholson to the James Lick Grammar; Miss Jessie Smith to the Columbia Grammar; Miss Fannie C. Reid to the Jefferson Primary; Miss Retta Haynes to the Garfield Primary; Miss Josie McCabe to the Sherman Primary; Miss Alice Barrett to the Henry Durant Primary; Miss Mary Lahey to the Buena Vista Primary; Miss Olive Thomas to the Marshall Primary; Miss Laura C. Perry to the South End Primary; Miss May D. Oliver to the Washington Grammar; Miss Edith Carpenter to the Crocker Grammar; Miss Josephine O'Connor to the Garfield Primary; Miss Charlotte Gleason to the Garfield Primary; Miss E. Stockton to the Noe Valley Primary; Miss Anna L. Diggs to the Fairmount Grammar; Aaron Turner to the Spring Valley Grammar; Miss Dora Plagemann to the Burnett Grammar; Miss F. Lynch to the Garfield Primary; Miss C. Grozelier to the Irving M. Scott Grammar.

The resignation of Nellie A. Maloney of the Whittier Primary School was accepted.

An application from Milton E. Blanchard for a position in the department as vice-principal was placed on file, the vacancies which had existed having been otherwise filled.

At the meeting of the School Board on February 1st Miss Agnes C. Taylor and Miss Mary E. Carson were retired at their own request, both being eligible for the annuities due teachers retired after thirty years of service.

Miss Fannie Reed was assigned to the kindergarten class in the Jefferson Primary School, and Miss Margaret Miklau to the Everett Grammar School, during the absence of Mrs. H. B. Steele. Miss M. T. Redmond was given a position at the Hamilton Grammar School.

The following transfers were ordered: Miss Renee Scanlan, from the Garfield Primary to the Spring Valley Grammar School; Mrs. E. Stockton, from the Everett Grammar to the Noe Valley Primary School; M. R. Duraind, from the Hamilton Grammar School to the position of vice-principal of the Sutro Grammar School.

Say you saw it in Sierra Educational News.

The Sutro Primary School was by resolution declared to be a grammar school.

The Board of Education on February 15th ordered the following transfer of teachers in the public school department: Miss Charlotte Wheeler, from the Sutro Primary to the Adams School, during the leave of Miss Daisy E. Starr; Miss Alice Corbett, from the Bergerot Primary to the Washington Grammar; Miss May D. Oliver, from the Washington Grammar to the Bergerot Primary; Miss Olive C. Boyle, from the Columbia Grammar to the James Lick Grammar, and Mrs. C. Arguello, from the James Lick Grammar to the Columbia Grammar.

The Board adopted the following resolutions:

The mid-spring term vacation will commence April 9, 1906, and schools will resume their session April 16, 1906.

On account of the National Educational Association holding its annual convention in this city in the week commencing July 9, 1906, and terminating July 14, 1906, the second week of the mid-spring term vacation is postponed and included in the summer vacation, thus making the summer vacation of seven weeks' duration instead of six weeks. Schools will close for the summer vacation on June 29, 1906, and reopen August 20, 1906.

All the teachers of the department are requested to attend the sessions of the National Educational Association and consider themselves members of the general reception committee having in charge the entertainment of the visiting teachers.

The resignation of Miss M. Browne, a teacher in the Sheridan Primary School, was accepted.

Nicholas Prusch was elected a member of the evening school department and assigned to the John Swett Evening School for duty.

Mrs. D. Curran was transferred from the janitorship of the Emerson Primary School to the janitorship of the Harrison Primary School, and G. Dunn was appointed janitor of the Emerson Primary School, vice D. Curran, transferred.

Leaves of absence were granted to Miss Lily A. Toomey and Mrs. May E. Short.

PORTLAND.

Miss Anne Friendlich, a teacher of English in the Portland High School, tendered her resignation to the Board of School Directors recently and it was accepted. Miss Friendlich has been teaching at the high school for ten years and was considered one of the best instructors in the institution. She explained in her letter to the Board that she had accepted another position.

Four teachers in the elementary schools also tendered their resignations, as follows: Eva Bills of the Thompson School; Bessie H. Hoxsie of the Terwilliger School, Mary Smith of the Couch School, and Helen Hutchinson of the Highland School.

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Professor G. N. McKay, for thirteen years connected with a Salt Lake educational institution, was elected principal of the new Irvington School.

Miss Adeline Dewart was elected to a vacancy in the high school.

The high school now has an enrollment of 1,050.

OREGON.

Klamath Falls, Ore., has just dedicated a new \$33,000 high school building.

St. Johns, Ore., now enrolls 430 pupils, with 12 teachers. W. C. Alderson is principal. A new high school is being discussed.

Professor L. R. Alderman, county school superintendent of Yamhill County, and the man who had charge of the educational exhibit at the Lewis and Clark Fair, has adopted an original plan for bringing the home and the school together. While he believes that the boys and girls are learning many valuable things at school, he also thinks there are many valuable lessons which they may learn at home, and in order to encourage them in their home work and at the same time make them appreciate country life, he has planned to hold a school fair at McMinnville in September, just after hop-picking. He believes that gardening and home work in co-operation with the parents will help to solve the problem of finding profitable work for the town boy and girl as well as those of the country.

At his proposed fair the garden competition is to be open to both boys and girls. Each is to do the planting and cultivating of the produce he or she exhibits. Prizes will be offered for the best of the following:

Five ears of field corn, five ears of popcorn, five ears of sweet corn, one watermelon, two muskmelons, five potatoes, one head of cabbage, one squash and one pumpkin.

A prize will also be given for the best essay, not to exceed 200 words, telling how the student grew the produce. An essay may thus win the prize, though the crop it describes does not.

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A prize will also be offered for the best writing done at school during the year and uniform paper for this purpose will be furnished by the superintendent free of charge.

The girls' skill in sewing is to be shown by an exhibition of aprons, each made for the girl herself and by herself without any assistance. Neatness and taste rather than elaborateness will be the test.

In cookery, prizes will be given for the best bread, canned fruit and jelly.

In each of these sixteen divisions two prizes will be given, one for the best exhibit by a pupil 12 years of age or over, and one for the best exhibit by a pupil under 12 years.

A prize will also be given for the best general exhibit and the size of the district will be taken into consideration in making this award.

Governor Chamberlain and State Superintendent of Public Instruction J. H. Ackerman will be present at the fair and deliver addresses to the students.

During the absence of Mrs. Wiley, dean of women at Whitman College, Walla Walla, Wash., on tour through Europe and Palestine, Miss Edith B. Merrell will take charge of Reynolds' Hall.

The first commercial course of study ever conducted in a public school in Oregon was opened in Pendleton High School January 29, 1906. Prof. A. A. Peterson of Deer Lodge, Mont., has been elected teacher of this department.

The Normal School at Monmouth graduated a class on February 12th. The class roll is as follows: Frank Ernest Butler, Salem R. F. D.; Rebecca Clifton, Gridley, Illinois; Onie I. David, Springbrook; Emma Viola Kienow, Portland; Mabel Matteson, Gaston; Phoebe Cornwall-McCaleb, Moro; Marana Allard-Metcalf, Pullman, Washington; Lillie Schmidli, Oregon City; Harry Moran Stine, Monmouth.

State Superintendent J. H. Ackerman, as manager for Oregon, and Director E. D. Bessler of Monmouth, assisted by Superintendent Frank Rigler and R. F. Robinson of Portland and Multnomah County, completed all arrangements February 2d for Oregon's representation at the meeting of the National Educational Association in San Francisco, July 9th to 13th. Mr. Ackerman says the delegation from Oregon promises to be one of the largest and most enthusiastic delegations from any of the outside States. Special rates will be arranged by rail and boat for teachers and others who wish to go from this State.

The State Department of Public Instruction, through Superintendent Ackerman, answering questions submitted by County Superintendent Moores of Marion, decides that, in the case of an otherwise qualified

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and all salary or wage earners and others, who have savings that they are not in position to make profitable for themselves, will

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elector, the possession of a warranty deed entitles him to vote even if his name does not appear upon the last county assessment, if the deed to the property was issued prior to the date of the issuance of the warrant for the collection of taxes.

In reply to other questions, Mr. Ackerman decides:

"In case of an elector moving from one district to another, location in the district is shown by the assessment roll. The ownership is determined by the issuance of the deed. If the deed is issued prior to the issuance of the warrant for the collection of taxes, the ownership would be vested in the person who then holds the deed.

"A joint deed is sufficient proof of a partnership.

"If an otherwise qualified elector whose name does not appear upon the last county assessment presents at a meeting in a district a receipt for taxes of the current year on property which he now owns, said tax being paid by him and received either to another or to himself, this receipt entitles him to vote, provided a deed is issued prior to the date of the issuance of the warrant for the collection of taxes; provided it was not assessed by the sheriff.

"If a man fails to show a domicile or place of residence upon his property, or a lease upon another domicile in the district, he cannot claim a residence in the district.

"If a district board is authorized by a majority of the legal voters at a regularly called meeting to proceed toward the erection of a schoolhouse, the minority voting against this measure may not enjoin the board from carrying out the will of the majority."

WASHINGTON.

Whitman College, Walla Walla, Wash., is working out some schemes for popularizing its facilities and utilizing its equipment for other than strictly recitational purposes.

There are 8,906 pupils enrolled in the public schools of Tacoma, according to the report made by Superintendent Warner. If the rate of increase is maintained, he estimates an enrollment of 10,000 by the close of the school year.

The average daily attendance is 8,058. As illustrating the increase during the past few years, Mr. Warner adds:

"The average daily attendance for the year ending June, 1902, the last year of my predecessor's administration, was 6,277; the average daily attendance for last month, therefore, shows an increase in this

time of 1,781. Allowing an attendance of forty pupils to a teacher—and this attendance is very large—this increase of attendance would require the services of forty-four teachers. However, only twenty-nine teachers have been added to the corps during these three and one-half years. Incidentally, it might be observed that the saving of fifteen teachers by a more compact organization, at the average salary of \$700 per year, means an annual saving of \$10,500 to the district.

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The pronunciation is given in a way that one cannot help pronouncing correctly. For instance, we are told that the German word "viel" sounds like the English word "feel"; that the German word "Ihr" sounds like the English word "ear"; German "weiss" like the English word "vice," etc. That's plain, isn't it?

The price of Prof. Lange's complete method is one dollar. However, we call your attention to the following combination: We will send you the "Sierra Educational News" for one year and Lange's new method upon receipt of one dollar.

If you are already a subscriber to the "Sierra Educational News," but wish to get Prof. Lange's extraordinary method, send us 50 cents for the latter. Our old subscribers are certainly entitled to the same privileges as our new ones.

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Within a short time the school authorities of the county will begin preparations for the reception of the State Teachers' Association, which is to hold its next meeting in Bellingham, Wash., near the close of the year. President Bryan of Pullman and Principal Shafer of Cheney arrived on the 21st of February to confer with officials in regard to the meeting and will probably reach some definite decision as to what action will first be taken to provide for the entertainment of the pedagogues of the State.

For the purpose of becoming better acquainted and better prepared to unite in the work of the Association, the faculty of the Normal School have tendered to the teachers of the city schools a reception to be held in the Normal School building, February 21st. Superintendent of Schools W. J. Hughes has also been invited to be present, and it is probable that President Bryan and Principal Shafer will be in attendance at the reception. The conference will be held at the Hotel Baker.

IDAHO.

It has been definitely decided by those who have been investigating the advisability of the matter to hold a teachers' institute in Boise the coming summer. The matter was suggested some time ago and

was taken up by Superintendent Williamson of the Boise schools and County Superintendent Miss Ivy Wilson. President George A. Axline of the State Normal School at Albion is also very enthusiastic in the matter and will do all he can to bring it about.

The plan is to hold a six weeks' session, beginning about the middle of July and lasting until nearly the last of August, closing just before the teachers' examination to be held in this county for county certificates, which are good in all counties of Idaho.

Miss Wilson recently received a letter from Pocatello, in which it was stated that a summer school for teachers and those who expect to teach will be conducted at the Academy of Idaho next summer.

During the first five months of the school year Boise enrolled 2,670 pupils. The average attendance during the fifth month was 2,202.

Every superintendent in the country would do well to read Mrs. Florence Milner's interesting pedagogical story in the March number of "Education" (Boston), and make it the basis of a discussion in his teachers' meeting. It aptly suggests the right solution of a large number of the teacher's difficulties in connection with school discipline.

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CALIFORNIA AND IOWA.

The following statistics and summary of Prof. W. A. Wirtz' report to the educational council make good argument in the campaign for legislation:

School population (5-18 years of age) in 1903.....	Cal....	356,665
	Iowa...	665,898
Number enrolled	Cal....	288,776
	Iowa...	550,202
Per cent of school population enrolled	Cal....	80.97
	Iowa...	82.63
Average daily attendance.....	Cal....	212,884
	Iowa...	358,438
Average number of days in school year	Cal....	176
	Iowa...	160
Average number of days attended by each pupil.....	Cal....	129
	Iowa...	104
Number of teachers, male.....	Cal....	1,275
	Iowa...	3,733
Female	Cal....	7,058
	Iowa...	26,554
Total	Cal....	8,333
	Iowa...	29,287
Average monthly wages, males.....	Cal....	\$97.21
	Iowa...	46.99
Females	Cal....	80.44
	Iowa...	32.60
Per cent of income from permanent funds	Cal....	2.31
	Iowa...	2.08
From state tax	Cal....	44.69
	Iowa...	
From local tax	Cal....	50.89
	Iowa...	86.20
From other sources	Cal....	2.11
	Iowa...	11.72
Amount income for each person 5-18 years old.....	Cal....	21.42
	Iowa...	15.51
Total amount expended for schools	Cal....	8,170,165
	Iowa...	9,834,319
Amount expended per capita of attendance	Cal....	\$38.88
	Iowa...	27.44

In the above statement of facts there are several things that stand out distinctly to the advantage of California: 1. The average length of the school year and the average length of attendance per pupil is much longer than in Iowa. 2. The school population of Iowa is eighty-six per cent larger than that of California, but the school income is only thirty-six per cent larger. 3. The wages for men are more than twice and those for women are almost two and one-half times as large in California as in Iowa. 4. The school population is less than twice as large in Iowa as in California, but the number of teachers is more than three times as large, which must mean that we have very many very small rural schools in Iowa, and it is probable that consolidation would improve the quality of the teaching and also increase the teachers' wages.—Midland Schools.

EXPLICIT.

"The cow just kicked me," said the woman as she entered the house in great excitement. Her husband exclaimed in alarm:

"Where did she kick you?"

"Well, somewhere between here and the barn."

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TWELVE GUESTS IN ELEVEN ROOMS.

An odd and amusing old problem is that in which a chambermaid at a hotel professes to place twelve guests into eleven bedrooms, and yet give each guest a separate room. Let us suppose that the rooms are as follows:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

"Now," says the chambermaid, "if two of you gentlemen will go into No. 1 bedroom and wait there a few minutes, I'll find a spare room for one of you as soon as I've shown the others to their rooms." Well, now, having bestowed two gentlemen in No. 1, she put the third in No. 2, the fourth in No. 3, the fifth in No. 4, the sixth in No. 5, the seventh in No. 6, the eighth in No. 7, the ninth in No. 8, the tenth in No. 9, the eleventh in No. 10. Then she came back to No. 1, where you will remember, she left the twelfth gentleman along with the first, and said: "I've now accommodated all the rest and have still a room to spare; so if one of you will please step into No. 11, you will find it empty." Thus the twelfth man got his room. Of course, there is a catch somewhere—but where is it?

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The other day, during a lull in business, two little bootblacks, one white and one black, were standing on the corner doing nothing when the white bootblack agreed to black the black bootblack's boots. The black bootblack was, of course, willing to have his boots blacked by his fellow bootblack and the bootblack who had agreed to black the black bootblack's boots went to work. When the bootblack had blacked one of the black bootblack's boots until it shone in a manner that would make any bootblack proud, the bootblack refused to black the other boot of the black bootblack until the black bootblack, who had consented to have the white bootblack black his boots, should add five cents to the amount that the bootblack had made blacking other men's boots. This the black bootblack refused to do, saying it was good enough for a black bootblack to have one boot blacked and he didn't care whether the boot that the bootblack hadn't blacked was blacked or not blacked. This aroused the spirit of the black bootblack and he proceeded to boot the white bootblack with the boot which the white bootblack had blacked. A fight ensued, in which the white bootblack, who had refused to black the unblacked boot of the black bootblack, blacked the black bootblack's visionary organ and in which the black bootblack wore all the blacking off his boot in booting the white bootblack.

And then my car came along and I went home.

Yours truly,
C. W. STERN.

Good habits are the soul's muscles—the more you use them the stronger they grow.

POLITENESS HIS STRONG POINT.
A teacher in language put this sentence on the board for correction: "The horse and the cow is in the lot," and asked what was wrong. At first no one answered. Finally a small boy raised his hand. "What is it, Johnny?" asked the teacher. "You should put the lady first," corrected Johnny.

Little Harold—Father, God made you, didn't He?

Father—Yes, my son.

Little Harold—And me, too?

Father—Yes, Harold.

Little Harold—Then He's doing better all the time, isn't He?

—Wyoming School Journal.

Teacher—What are the properties of heat and cold?

Small Pupil—The property of heat is to expand, and of cold to contract.

Teacher—Now give me an example.

Small Pupil—in summer when it is hot the days are long; in winter when it is cold the days are short.

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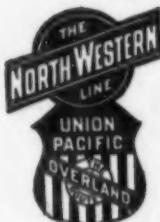
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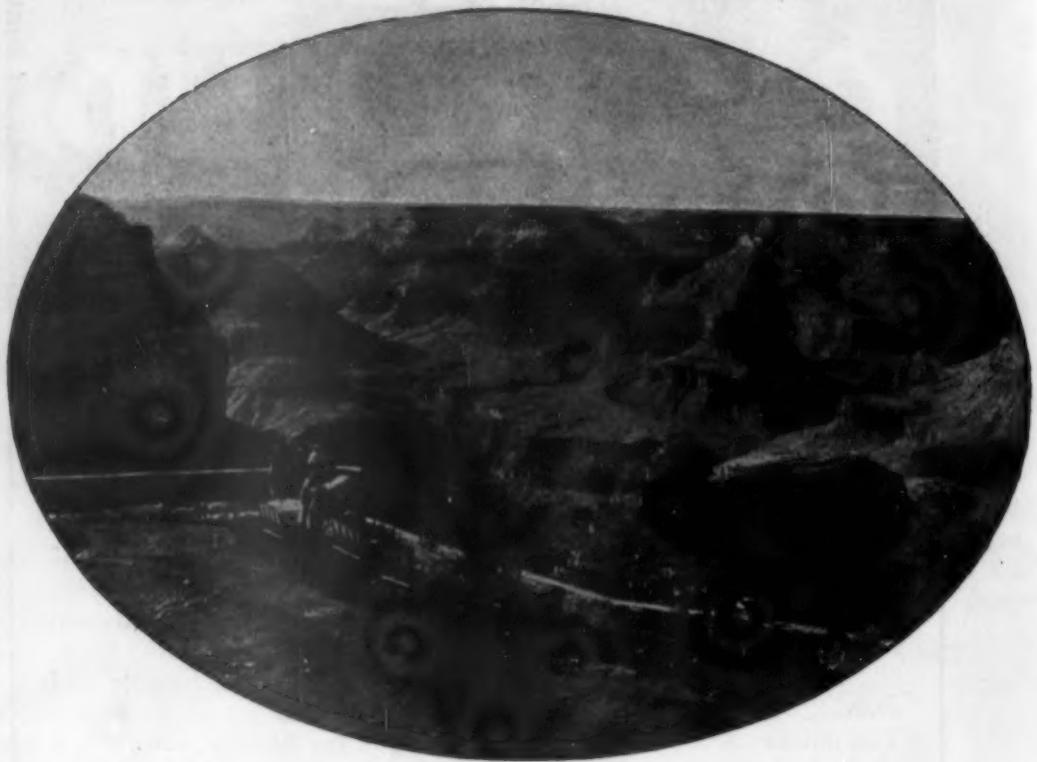
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